**Supplementary Table 1. Comparison of awareness and usage of PrEP/PEP according to different characteristics.**

| Characteristics | Awareness of PrEP/PEP | $\chi^2$ | P | Use of PrEP/PEP | $\chi^2$ | P |
|---|---|---|---|---|---|---|
| Age | | 2.125 | 0.145 | | 0.016 | 0.900 |
| <30 | 24/50 | | | 10/50 | | |
| >30 | 12/37 | | | 7/37 | | |
| Sex | | NA | 0.269 | | 0.016 | 0.898 |
| Male | 36/86 | | | 17/84 | | |
| Female | 0/3 | | | 0/3 | | |
| Baseline CD4 count | | 0.969 | 0.325 | | 0.372 | 0.542 |
| >350 | 15/42 | | | 7/42 | | |
| <350 | 19/41 | | | 9/41 | | |
| Educational level | | 0.696 | 0.404 | | 0.224 | 0.636 |
| Below undergraduate | 17/47 | | | 8/47 | | |
| Equal to or higher than undergraduate | 15/33 | | | 7/33 | | |

Two-sided chi-squared test or Fisher's exact test was used for between-group comparisons of categorical variables. PEP: Post-exposure prophylaxis; PrEP: Pre-exposure prophylaxis; NA: Not availble.

**Supplementary Table 2. Comparison of the existence of transmitted drug resistance mutations according to different characteristics.**

| Characteristics | Existence of transmitted drug resistance mutations | $\chi^2$ | $P$ |
|---|:---:|:---:|:---:|
| Age | | 3.903 | 0.048 |
|    <30 | 13/28 | | |
|    >30 | 6/28 | | |
| Sex | | NA | 0.544 |
|    Male | 19/54 | | |
|    Female | 0/2 | | |
| Baseline CD4 count | | 3.038 | 0.081 |
|    >350 | 5/24 | | |
|    <350 | 13/30 | | |
| Educational level | | 1.592 | 0.207 |
|    Below undergraduate | 9/28 | | |
|    Equal to or higher than undergraduate | 6/33 | | |
| PrEP/PEP use | | 0 | 1.000 |
|    Previous PrEP/PEP use | 4/11 | | |
|    No previous PrEP/PEP use | 15/45 | | |

Two-sided chi-squared test or Fisher's exact test was used for between-group comparisons of categorical variables. PEP: Post-exposure prophylaxis; PrEP: Pre-exposure prophylaxis; NA: Not availble.